

Title (en)
FLUID FLOW CONTROL DEVICE FOR FAUCET PIECE

Title (de)
DURCHFLUSSREGLER FÜR EINEN WASSERHAHN

Title (fr)
DISPOSITIF DE COMMANDE DE DÉBIT DE FLUIDE D'UNE PIÈCE DE ROBINET

Publication
EP 4047145 A4 20231115 (EN)

Application
EP 19953938 A 20191209

Priority
• KR 20190155991 A 20191128
• KR 20190156020 A 20191128
• KR 2019017263 W 20191209

Abstract (en)
[origin: EP4047145A1] Proposed is a fluid flow control device for a faucet piece with which anyone is able to easily control flow rate, flow velocity, hydraulic pressure, water stream size, and the like and includes a water dispersion means, a cylindrical type mounting member, a rotation guide means, and a control position stopper means.

IPC 8 full level
E03C 1/086 (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP US)
E03C 1/084 (2013.01 - EP US); **E03C 1/086** (2013.01 - EP US); **Y10T 137/9464** (2015.04 - US)

Citation (search report)
• [A] GB 698691 A 19531021 - ELIE PRODROMOS AGHNIDES
• [A] KR 101323466 B1 20131029 - CHOI EUI TECK [KR]
• [A] US 2006124181 A1 20060615 - CHEN CHUAN-LUNG [TW]
• [A] JP H1025779 A 19980127 - INAX CORP
• [A] WO 2008009390 A1 20080124 - NEOPERL GMBH [DE], et al
• [A] US 2013019975 A1 20130124 - CHEN CHI-CHUAN [TW]
• [A] KR 20060050649 A 20060519 - LAND SYSTEM CO LTD I [JP]
• See also references of WO 2021107245A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 4047145 A1 20220824; EP 4047145 A4 20231115; CN 114729528 A 20220708; CN 114729528 B 20240621; US 11933030 B2 20240319; US 2022259842 A1 20220818; WO 2021107245 A1 20210603

DOCDB simple family (application)
EP 19953938 A 20191209; CN 201980102296 A 20191209; KR 2019017263 W 20191209; US 202217739422 A 20220509